



# Weekly Construction Report

## Hatchery Creek Design/Build Project



<b>Week:</b>	September 15 – 20, 2014	<b>Project No:</b>	1305
<b>Rain Days/Weather Conditions:</b>	Rained ~0.25" Tuesday morning (Burkesville gauge).		
<b>Personnel on-site:</b>	<i>EcoGro/Ridgewater:</i> John Arthur, Tony Berry, Tom Cutter, Eric Dawalt, Jim Hanssen, Jon Linder, Chad Relinski, Brad Redmon <i>Stantec:</i> NA		
<b>Equipment on-site:</b>	Komatsu PC 160 w/ hyd. thumb, PC 360 w/ hyd. thumb, Terex TA27, Bobcat T300		
<b>Material deliveries to project site:</b>	<ul style="list-style-type: none"> <li>(~66) four-foot diameter boulders for step pools.</li> </ul>		
<b>Work performed this week:</b>	<ul style="list-style-type: none"> <li>Screened rock (6"+) from Corps disposal area on Monday while loading rock to be delivered for the stream construction.</li> <li>Cleared trees for, excavated, and built ~1000' of braided channel:               <ul style="list-style-type: none"> <li>Sta. 129+50 to 139+50 (with two - three separate channels for a total of over 2000' of individual channels).</li> </ul> </li> <li>Cleared invasive shrubs along ravine and started building riffles:               <ul style="list-style-type: none"> <li>~Sta. 301+00 to 304+00.</li> </ul> </li> <li>Excavated soil for installation of Tributary 9 rock spillway (LT Sta. 128+00).</li> <li>Repaired low spots in haul roads and improved intersections by installing shot rock.</li> </ul>		
<b>Erosion &amp; sediment controls installed:</b>	<ul style="list-style-type: none"> <li>❖ Installed temporary seed and straw on finished floodplain berm and channel banks from 129+50 to 139+50.</li> </ul>		
<b>Work scheduled for next week:</b>	<ul style="list-style-type: none"> <li>✂ Construct Tributary 9 spillway, which will maintain perennial flow from the new Hatchery Creek to Tributary 9 downstream of the project.</li> <li>✂ Finish constructing channel from 127+00 to 129+50.</li> <li>✂ Dig test pits to look for clay, start excavating for floodplain and channel construction upstream of Campground Road (113+00 to 116+80) and haul soil to ravine to build riffles (Sta. 301+00 to 304+80).</li> <li>✂ Install temporary diversion channel from Public Fishing Area to ravine below work area after Wolf Creek National Fish Hatchery Fishing Derbies are complete on Sept. 24th.</li> <li>✂ Continue delivering boulders for step pools.</li> </ul>		
<b>Work planned for two weeks ahead:</b>	<ul style="list-style-type: none"> <li>✂ Construct channel from ~Sta. 110+00 to 116+80.</li> <li>✂ Construct ravine crossing from ~Sta. 106+00 to 106+60.</li> <li>✂ Continue delivering boulders for step pools.</li> </ul>		
<b>General Comments:</b>	<ul style="list-style-type: none"> <li>➤ Access to the Public Fishing Area and the ravine within the work area (within 500' of the bridge) will be restricted starting September 25<sup>th</sup> to protect the public during construction in those areas. KDFWR is coordinating with USACOE and USFWS to send out a press release.</li> <li>➤ We are planning to not screen any more rock from the Disposal Area because the remaining rock has proven to have less than 20% material that does not pass through the 6" bar screen.</li> <li>➤ The channel from ~Sta. 112+00 to 117+00 will be shifted to the right to reduce the impact to an existing wetlands.</li> </ul>		
<b>Prepared by:</b> Eric Dawalt, P.E.	<b>Date:</b> 9-22-14		



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**Pictures from this week's construction:**



***Excavating braided channel in existing forest (~Sta. RT 134+00).***



***Completed section of braided channel without water (photograph taken standing in pool and looking at riffle).***





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***Completed riffle in braided channel reach with water starting to flow in from Tributary 9 (~RT Sta.140+00).***



***Clearing invasive shrubs along steep banks of ravine in order to install riffles (~Sta. 303+00 looking east).***





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***Once invasive shrubs are removed, soil fill is placed in ravine in order to install riffle (~Sta. 303+00 looking west).***



***Rock is placed over soil fill to serve as subgrade for riffle (~Sta. 301+30 looking west).***





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***Grass is starting to grow along channel and floodplain berm (looking upstream from ~Sta. 148+50).***



***Compost/wood chip berm, a biodegradable alternative to silt fence, installed at toe of floodplain berm to prevent soil erosion (looking downstream from ~Sta. 148+00).***